



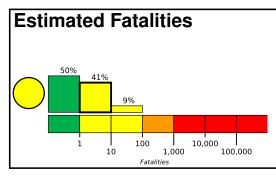


PAGER Version 2

Created: 9 hours, 0 minutes after earthquake

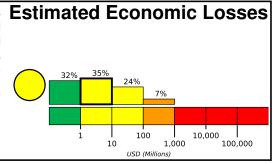
M 5.3, 3km NNW of Magoula, Greece

Origin Time: 2019-07-19 11:13:16 UTC (Fri 14:13:16 local) Location: 38.1153° N 23.5054° E Depth: 10.0 km



Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level re-

Estimated economic losses are less than 1% of GDP of Greece.



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	124k*	1,026k	2,568k	704k	7k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1974-02-01	331	5.4	VII(2k)	2
1986-09-13	165	5.9	VIII(4k)	21
1999-09-07	10	6.0	IX(10k)	143

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Salacted City Exposure

from GeoNames.org							
MMI	City	Population					
VI	Magoula	5k					
VI	Mandra	11k					
VI	Aspropyrgos	30k					
VI	Elefsina	25k					
VI	Fyli	3k					
VI	Ilion	85k					
VI	Peristeri	140k					
٧	Piraeus	164k					
٧	Kallithea	101k					
٧	Athens	664k					
Ш	Lamia	52k					

bold cities appear on map.

(k = x1000)

0	5	50	100	500	1000	5000	10000
Z.	22.9°W tylida Kamena	5		23.8°	? W	\ ,	and a
Ai 38.5 ° N	nfikleia	Atalanti	<u></u>	IV Chalkid	a		
S.	Lliva	ideia	Thivai V V				
	\5	Korinthos		AG	hens	2	5
37.8°N	Nemea Argos	7	IV Aeg	104	GlyfadliV S	سيح الم	
	km	Kra Kra	SZ Po	ros			

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.